

# Package ‘DMRcatedata’

April 11, 2019

**Type** Package

**Title** Data Package for DMRcate package

**Version** 1.18.0

**Date** 2016-27-10

**Author** Tim Peters

**Maintainer** Tim Peters <t.peters@garvan.org.au>

**Description** This package contains 8 data objects supporting functionality and examples of the Bioconductor package DMRcate.

**License** GPL-3

**Depends** R (>= 3.2.2), GenomicRanges

**Suggests** knitr

**biocViews** ExperimentData, SNPData

**VignetteBuilder** knitr

**git\_url** <https://git.bioconductor.org/packages/DMRcatedata>

**git\_branch** RELEASE\_3\_8

**git\_last\_commit** 2bf030f

**git\_last\_commit\_date** 2018-10-30

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DMRcatedata-package     *Dataset to use with the DMRcate Pipeline*

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**Description**

SNP annotation, cross-hybridising probes, XY probes, sample 450k and WGBS data

**Author(s)**

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**Examples**

```
data(dmrcatedata)
```

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dmrcatedata     *Accompanying data package for DMRcate*

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**Description**

SNP and Gencode annotation, cross-hybridising probes and sample 450K and simulated WGBS data

**Usage**

```
data(dmrcatedata)
```

**Format**

matrix (myBetas), factor (crosshyb) and data.frame (illuminaSNPs)

**Source**

myBetas sourced from The Cancer Genome Atlas (TCGA) data repository, colon and rectal adenocarcinoma; snpsall sourced from <http://genomebiology.biomedcentral.com/articles/10.1186/s13059-016-1066-1>, accessed October 2016, [http://supportres.illumina.com/documents/myillumina/88bab663-307c-444a-848e-0ed6c338ee4d/humanmethylation450\\_15017482\\_v.1.2.snupdate.table.v3.txt](http://supportres.illumina.com/documents/myillumina/88bab663-307c-444a-848e-0ed6c338ee4d/humanmethylation450_15017482_v.1.2.snupdate.table.v3.txt), accessed February 2014; crosshyb sourced from <http://genomebiology.biomedcentral.com/articles/10.1186/s13059-016-1066-1>, accessed October 2016, <http://www.sickkids.ca/MS-Office-Files/Research/WeksbergLab/48639-non-specific-probes-Illumina450k.xlsx>, accessed February 2014; tx.hg19, tx.hg38 and tx.mm10 sourced from <ftp://ftp.ensembl.org>, accessed July 2015

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